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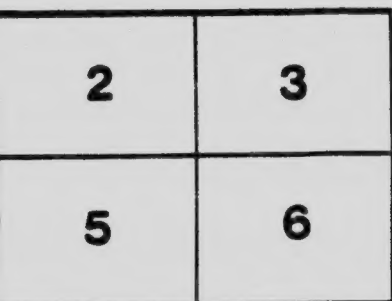
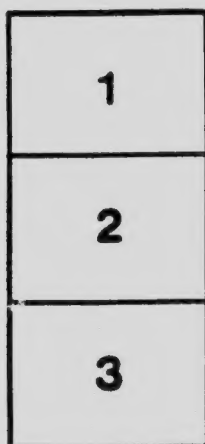
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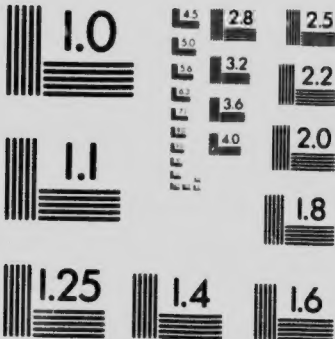
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THIRD SERIES—1910

VOLUME IV.

SECTION IV

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**Bibliography of Canadian Zoology for
1909.**

By

LAWRENCE M. LAMBE F.G.S.

OTTAWA

PRINTED FOR THE ROYAL SOCIETY OF CANADA

1911

197

VIII—*Bibliography of Canadian Zoology for 1909*¹

(Exclusive of Entomology.)

By LAWRENCE M. LAMBE, F.G.S.

(Read by title, September 28, 1910.)

INVERTEBRATA.

CELEENTERATA.

BIGELOW, HENRY B.

Ccelenterates from Labrador and Newfoundland, collected by Mr. Owen Bryant from July to October, 1908.

From the Proceedings of the United States National Museum, 1909, vol. 37, pp. 301-320, with plates 30-32.

Critical remarks are made on nineteen species of the families Craspedotæ, Siphonophoræ, Scyphomedusæ, and Ctenophoræ.

ECHINODERMATA.

VERRILL, A. E.

Remarkable development of starfishes on the north-west American coast; hybridism; multiplicity of rays; teratology; problems in evolution; geographical distribution.

The American Naturalist, September, 1909, vol. xlii, No. 513, pp. 542-555, with text figures.

VERMES.

MOORE, J. PERCY.

The Polychætous Annelids dredged in 1908 by Mr. Owen Bryant off the coasts of Labrador, Newfoundland and Nova Scotia.

Proceedings of the United States National Museum, 1909, vol. 37, pp. 133-146.

MOLLUSCA.

BAKER, FRANK C.

Range of *Lymnaea umbilicata*.

The Nautilus, November, 1909, vol. xxiii, No. 6, p. 80.

BARTSCH, PAUL.

Pyramidellidæ of New England and the adjacent region.

Proceedings of the Boston Society of Natural History, February, 1909, vol. 34, No. 4, pp. 67-113, plates 11-14.

Also see Dall.

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DALL, WILLIAM HEALEY and BARTSCH, PAUL.

A monograph of west American Pyramidellid Molluscs.

Smithsonian Institution, United States National Museum, Bulletin 68, 1909, pp. 1-258, plates 1-30.

Includes species from the coast of British Columbia.

STAFFORD, J.

The larva and spat of the Canadian Oyster. I. The larva.

The American Naturalist, January, 1909, vol. xliii, No. 505, pp. 31-47, with one plate of figures.

STERKI, V.

Bifidaria armifera Say and its varieties.

The Nautilus, August and September, 1909, vol. xxiii, No. 4, pp. 52-54.

WALKER, BRYANT.

Notes on Planorbis. II. P. bicarinatus.

The Nautilus, May, 1909, vol. xxiii, No. 1, pp. 1-10; and June, No. 2, pp. 21-32, with one plate and a map showing distribution.

PILSBRY, HENRY A.

ARTHROPODA.

A new species of Scalpellum from British Columbia.

Proceedings of the Academy of Natural Sciences of Philadelphia, April-September, 1909, vol. lxi, part II, pp. 267 and 268, figs. 1 and 2.

RICHARDSON, HARRIET.

Isopods collected in the north-west Pacific by the U. S. Bureau of Fisheries Steamer "Albatross" in 1906.

Proceedings of the United States National Museum, 1909, vol. 37, pp. 75-120.

Among the species described or recorded is *Pentidotea wosnesenskii* (Brandt), mentioned as occurring at Union bay, Bayne sound, British Columbia.

TAYLOR, REV. GEO. W.

The Acclimatization of the Lobster.

Marine Life, February, 1909, vol. 1, No. 2, pp. 5-6, Vancouver, B.C.

VERTEBRATA.

FISHES.

BARTON, WARREN EVERMAN. See JORDAN.

JORDAN, DAVID STARR, and BARTON, WARREN EVERMAN.

Descriptions of three new species of Cisco, or Lake Herring (*Argyrosomus*), from the great lakes of America; with a note on the species of Whitefish.

Proceedings of the United States National Museum, 1909, vol. 36, pp. 165-172, with three text figures.

Argyrosomus criensis, *A. huronicus*, and *A. zenithicus* are described, the first two species from Port Stanley, Lake Erie, Ontario, the last from deep water off Isle Royale, Lake Superior.

KENDALL, WILLIAM CONVERSE.

The Fishes of Labrador.

Proceedings of the Portland Society of Natural History, vol. ii, pp. 207-244, 1909.

PRINCE, E. E.

The Fish and Fisheries of Manitoba.

Special appended report, I, 42nd Annual Report, Department Marine and Fisheries, 1908-9, Fisheries, pp. lvii-lxii, 1909; and, slightly abridged, in Handbook to Winnipeg and the Province of Manitoba, British Association meeting, Winnipeg, 1909, pp. 228-237.

TAYLOR, REV. GEO. W.

The Trout of British Columbia.

Marine Life, April, 1909, vol. I, No. 4, pp. 5-8, illustrated. Vancouver, B.C.

REPTILIA.

GROH, HERBERT.

Snake behaviour.

The Ottawa Naturalist, June, 1909, vol. xxiii, No. 3, p. 58.

BIRDS.

ANDERSON, RUDOLPH M.

Nesting of the Bohemian Waxwing (*Bombycilla garrulus*).

The Auk, January, 1909, vol. xxvi, No. 1, pp. 10-12.

Observations on Slave river, between Smith's landing and Fort Smith, Alberta.

ANDERSON, R. M.

Breeding of *Dendroica striata* at Great Slave lake.

The Auk, January, 1909, vol. xxvi, No. 1, p. 80.

Record of occurrence of this species.

BOUTEILLIER, R. S.

Bird Migration, 1908. Observations made on Sable island, Nova Scotia.

The Ottawa Naturalist, November, 1909, vol. xxiii, No. 8, p. 149.

BREWSTER, WILLIAM.

Occurrence of the Whimbrel (*Numenius phaeopus*) off the coast of Nova Scotia.

The Auk, April, 1909, vol. xxvi, No. 2, p. 190.

BROOKS, ALLAN.

Some notes on the birds of Okanagan, British Columbia.

The Auk, January, 1909, vol. xxvi, No. 1, pp. 60-63.

ROYAL SOCIETY OF CANADA

Three records from British Columbia.

The Auk, July, 1909, vol. xxvi, No. 3, p. 313.

This note has reference to the species, *Aluco pratensis*, *Strix occidentalis caurina* and *Catherpes mexicanus conspersus*.

CAESAR, JAMES H.

Birds on my farm this winter (1908-9).

The Ontario Natural Science Bulletin, No. 5, 1909, pp. 47-50.

CAESAR, L.

Bohemian Waxwing.

The Ontario Natural Science Bulletin, No. 5, 1909, p. 51.

Records the occurrence of this species at Guelph, Ont., in December.

CALVERT, E. W.

Birds of Orangeville, Ontario, and vicinity.

The Ontario Natural Science Bulletin, No. 5, 1909, pp. 37-45.

The writer gives a list of 144 species personally observed, with an additional 29 species not seen by him but known to be visitors.

COLE, LEON J.

The destruction of birds at Niagara falls.

The Auk, January, 1909, vol. xxvi, No. 1, pp. 63-65.

CRIDDLE, NORMAN.

How the English sparrow is adapting itself to new conditions of life.

The Ottawa Naturalist, May, 1909, vol. xxiii, No. 2, pp. 23-25.

The author of this paper calls attention to the fact that, in Manitoba, an increasing number of the above species migrates southward during the colder months of the year.

The economic value of some common birds, part II.

Nor'-West Farmer, July 5, 1909, pp. 748-751.

This article deals with the commoner species of Cuckoo, Woodpecker, Whip-poor-will, Nighthawk, Flycatcher, Horned Lark and Blue Jay found in the Province of Manitoba.

DIONNE, C. E.

Quelques notes sur la migration de nos oiseaux.

Le Naturaliste Canadien, December, 1909, vol. xxxvi, No. 12, pp. 177-179.

DWIGHT, jr. J.

The Bluebird (*Sialia sialis*) in Quebec.

The Auk, January, 1909, vol. xxvi, No. 1, p. 83.

The writer notes the occurrence of this species at Tadousac, Que.

EHRIG, G.

Winter birds of new Ontario, and other notes on northern birds.

The Auk, January, 1909, vol. xxvi, No. 1, pp. 55-59.

The Prairie Warbler (*Dendroica discolor*) in northern Ontario.

The Auk, October, 1909, vol. xxvi, No. 4, p. 432.

- The Grasshopper Sparrow at Ottawa, Ontario.
 The Auk, October, 1909, vol. xxvi, No. 4, p. 432.
 Birds observed at Ottawa, Ontario, winter 1908-1909.
 The Ottawa Naturalist, March, 1909, vol. xxii, No. 12, pp. 262-265.
 The Prairie Warbler (*Dendroica discolor*) in northern Ontario, and other notes.
 The Ottawa Naturalist, September, 1909, vol. xxiii, No. 6, pp. 113-115.
- GRON, H.
 The tragic side of bird life.
 The Ottawa Naturalist, October, 1909, vol. xxiii, No. 7, p. 131.
- HENNINGER, REV. W. F., and JONES, LYND.
 The falcons of North America.
 The Wilson Bulletin, June, 1909, vol. xxi, No. 2, pp. 77-94, illustrated; and July, December, 1909, No. 4, pp. 205-218, illustrated.
- JONES, LYND. See HENNINGER.
- KELLY, A. B.
 A remarkable migration of Yellow-bellied Sapsuckers.
 The Ottawa Naturalist, September, 1909, vol. xxiii, No. 6, p. 115.
 Notes on some birds of Bruce Co., Ontario.
 The Ontario Natural Science Bulletin, No. 5, 1909, pp. 25-26.
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 Catalogue of Canadian Birds.
 Geological Survey Branch, Department of Mines, Canada, 1909.
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- NASH, C. W.
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 Excursions.
 The Ottawa Naturalist, July, 1909, vol. xxiii, No. 4, pp. 78-84.
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- SAUNDERS, W. E.
 Rough-legged Hawk notes.
 The Wilson Bulletin, June, 1909, vol. xxi, No. 2, pp. 97-99.
 Summer birds of the southern edge of western Ontario.
 The Wilson Bulletin, September, 1909, vol. xxi, No. 3, pp. 152-155.
 See IV., 1910, 7.

ROYAL SOCIETY OF CANADA

- Winter birds at Point Pelee.
 The Ottawa Naturalist, June, 1909, vol. xxiii, No. 3, pp. 46-50.
 Crossbills nesting in southern Ontario.
 The Ottawa Naturalist, July, 1909, vol. xxiii, No. 4, p. 84.
 The rapid extermination of the Bald Eagle.
 The Ottawa Naturalist, September, 1909, vol. xxiii, No. 6, p. 116.
 Notes on the birds of Durham, Ont.
 The Ottawa Naturalist, October, 1909, vol. xxiii, No. 7, p. 132.
 The Sharp-shinned Hawk migration.
 The Ottawa Naturalist, December, 1909, vol. xxiii, No. 9, pp. 156-160.
 Rare Birds at Point Pelee.
 The Ottawa Naturalist, December, 1909, vol. xxiii, No. 9, pp. 160-162.
 The third specimen of the Summer Tanager for Canada.
 The Auk, July, 1909, vol. xxvi, No. 3, p. 308.
 The Acadian Flycatcher in Ontario.
 The Auk, October, 1909, vol. xxvi, No. 4, p. 430.
- STANSSELL, SIDNEY, S. S.
 Birds of Stony Plain, Alberta.
 The Ottawa Naturalist, October, 1909, vol. xxiii, No. 7, pp. 125-127.
 A list of 123 species, with dates of first appearance in 1907 and 1908, and remarks on each species as to whether it breeds at the above locality, and is common, or otherwise, etc.
 Birds of central Alberta.
 The Auk, October, 1909, vol. xxvi, No. 4, pp. 390-400.
 Gives a valuable list of 157 species.
- TERRILL, L. McL.
 Bird notes.
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- TOWNSEND, CHARLES W.
 Labrador Notes.
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 Consists of observations on the following species: *Anas platyrhynchos*, *Dafila acuta*, *Somateria spectabilis*, *Porzana carolina*, *Falco islandus*, *Colaptes auratus luteus*, *Dendroica aestiva* and *Hirundo erythrogaster*.
- TROTTER, SPENCER.
 The geological and geographical relations of the land-bird fauna of north-eastern America.
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- VENABLES, E. P.
 The Burrowing Owl (*Cunicularia hypogaea*).
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- KEEN, J. H. MAMMALS.
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MACOUN, J. M.

An early Bat.

The Ottawa Naturalist, March, 1909, vol. xii, No. 12, p. 266.

Records the appearance of *Vespertilio fuscus*, Beauv. in Ottawa, Ont., on February 24th.

NELSON, E. W.

The rabbits of North America.

U. S. Department of Agriculture, Bureau of Biological Survey, North American Fauna, No. 29, pp. 1-287, with thirteen plates.

OSGOOD, WILFRED H.

Revision of the mice of the American genus *Peromyscus*.

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PRINCE, E. E.

The prong-horn Antelope.

The Ottawa Naturalist, June, 1909, vol. xiii, No. 3, pp. 41-46.

SAUNDERS, W. E.

On the hibernation of the Jumping Mouse, and notes on the Check List of the mammals, issued by the Department of Education, Toronto.

The Ontario Natural Science Bulletin, No. 5, 1909, pp. 4-8.

SETON, ERNEST THOMPSON.

Life-histories of northern animals. An account of the mammals of Manitoba, Vol. I.—Grass-eaters, pp. 1-673; Vol. II.—Flesh-eaters, pp. 675-1200. Beautifully and copiously illustrated with plates and text figures from original drawings by the author.

MISCELLANEOUS.

BERNIER, J. E.

Report on the Dominion Government Expedition to Arctic Islands and the Hudson Strait on board the C.G.S. "Arctic," 1906-1907, pp. 1-127, 1909.

In chapter ix are to be found short notes on the whales, seals and fishes of the northern waters of Canada.

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Appendix No. 21, 42nd Annual Report, Department Marine and Fisheries, 1908-9, Fisheries, pp. 386-394, 1909.

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Guide to the Natural History and Ethnological collections in the Provincial Museum, pp. 1-92, with 34 plates illustrating the principal mammals, birds and fishes of British Columbia. Victoria, B.C., 1909.

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Biological investigations in Alaska and Yukon Territory.

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Halifax, N.S., 1909.

Mentions on pp. 8-10, rare accessions to the museum from within
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TURNER, J. P.

The game fields of the west.

Hand-book to Winnipeg and the province of Manitoba, British As-
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